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CITE NPIC 2554.

MISSION 1102-1 10-14 DEC 67

OAK
PREFACE

20 DEC 67

PT 03

THIS SECTION OF THE OAK REPORTS ON THE HIGHEST PRIORITY COMIREX
TARGETS IN THE USSR AND OTHER COUNTRIES.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MISSION)

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Declassification Review by
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SECTION # 01

OUT 2077

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MISSION 1102-1 10-14 DEC 67

OAK

20 DEC 67

PT 03

PREFACE

THIS SECTION OF THE OAK REPORTS ON THE HIGHEST PRIORITY COMIREX TARGETS IN THE USSR AND OTHER COUNTRIES. TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE LISTED FIRST. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL/REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE -- C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, S @SNOW@, O @OBLIQUITY@, SD @SEMI-DARKNESS@, D @DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGEN@, AND SS @SMALL SCALE@. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS INDICATED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@. RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

HIGHLIGHTS

SOVIET ICBM ACTIVITY

FIVE OF THE 25 KNOWN SOVIET ICBM COMPLEXES ARE COVERED. TWELVE SINGLE SILO ICBM SITES ARE NEWLY IDENTIFIED ON THIS MISSION. TWO TYPE IIIC SITES CONFIRM THE START OF THE FIFTH GROUP, LAUNCH GROUP E, AT ZHANGIZ-TOBE. TWO CONFIRMED AND 2 PROBABLE TYPE IIIC SITES ARE IN PREVIOUSLY IDENTIFIED LAUNCH GROUP G AT DOMBAROVSKIY AND 6 TYPE IIID SITES AT SVOBODNYI BRING THE TOTAL OF SITES IN LAUNCH GROUP N TO 10.

THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE DEPLOYED COMPLEXES @THE FIGURE IN PARENTHESES INDICATES THE NUMBER OF POSSIBLE LAUNCHERS AND IS NOT INCLUDED IN THE TOTALS@ IS AS FOLLOWS --

TYPE IIIC	193
TYPE IIID	565 @7@
UNDETERMINED	8 @2@
SUBTOTAL	766 @9@
OTHER	224
TOTAL	990 @9@

PROBABLE MISSILE ERECTED ON PAD J1, TYURATAM

PART OF THE TYURATAM MISSILE TEST CENTER, INCLUDING LAUNCH COMPLEX H AND ALL OF THE RANGEHEAD TO THE WEST, IS COVERED ON PHOTOGRAPHY OF GOOD INTERPRETABILITY. A LARGE PROBABLE MISSILE IS ERECTED ON LAUNCH PAD J1. THREE SMALL, NEWLY DUG RECTANGULAR EXCAVATIONS LOCATED IN THE WESTERN PART OF THE RANGEHEAD ARE IDENTIFIED AS A PROBABLE LAUNCH GROUP, DESIGNATED PROBABLE LAUNCH GROUP O.

NEW MISSILE ACTIVITY OBSERVED AT KREMOVO

NEW LAUNCH PAD CONSTRUCTION AND MISSILE ACTIVITY IS OBSERVED AT THE KREMOVO MRBM COMPLEX. FOUR NEW LAUNCH PADS HAVE BEEN ADDED TO KREMOVO

25X1

BUILT [REDACTED] APPROVED FOR RELEASE 2008/02/28 : CIA-RDP78B03817A001000020038-1
SCALEBOARD SITES LOCATED WITHIN THE COMPLEX. AN EXERCISE
CONSISTING OF AN ERECTOR, A FUEL TRAILER, AND 2 OXIDIZER TRAILERS
IS ON EACH OF THE 8 PADS AT MRBM SITE 1 AS WELL AS ON THE 4 PADS
AT MRBM SITE 2.

EIGHT OF THE 46 SA-5 SAM COMPLEXES OBSERVED
THE FOLLOWING SA-5 SAM COMPLEXES ARE OBSERVED ON THIS MISSION --
BRATSK, PLESETSK, ANGARSK, Khabarovsk, TYURATAM, VLADIVOSTOK,
AND THE 2 AT SARY-SHAGAN ANTIMISSILE TEST CENTER.

USSR PACIFIC FLEET SUBMARINE ACTIVITY

SIX NUCLEAR POWERED, CRUISE-MISSILE FIRING ECHO-CLASS SUBMARINES ARE
OBSERVED AT PETROVKA SHIPYARD. THIS IS AN INCREASE OVER THE
PREVIOUS HIGH COUNT OF 5 ECHO SSGN REPORTED ON [REDACTED] 25X1
TEST PREPARATIONS CONTINUING AT LOP NOR
CONTINUING PREPARATIONS FOR A TEST AT GZ-2 ARE APPARENT. THE
NUMBER OF TENTS EAST OF THE MAIN CONTROL POINT HAS INCREASED SINCE
[REDACTED] BUT HAS POSSIBLY DECREASED BY AS MANY AS 20 25X1
TENTS SINCE IMAGED 4 DAYS EARLIER ON [REDACTED] 25X1

SECTION # 02

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION
AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING
TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND ABM DEPLOYMENT
- TABLE 4 -- SA-5 SAM COMPLEX DEPLOYMENT
- TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

MISSILES

PLESETSK MISSILE AND SPACE CENTER UR 6254N 04038E [REDACTED] 25X1
NO NEW ICBM OR ABM/PROBABLE LONG RANGE SAM FACILITIES
ARE OBSERVED IN THE 50-NM SEARCH AREA. THE ENTIRE
PLESETSK MISSILE AND SPACE CENTER IS COVERED ON
PHOTOGRAPHY. FACILITIES AT THE RANGE CAN BE IDENTIFIED
ONLY DUE TO SEMIDARKNESS AND LIGHT HAZE.

[REDACTED] 25X1
TYURATAM MISSILE TEST CENTER UR 4538N 06317E [REDACTED] 25X1
PART OF THE CENTER, INCLUDING LAUNCH COMPLEX H AND ALL
OF THE RANGEHEAD TO THE WEST, ARE COVERED ON
PHOTOGRAPHY OF GOOD INTERPRETABILITY.
A NEW PROBABLE LAUNCH GROUP OF SINGLE SILOS, DESIGNATED
LAUNCH GROUP O, IS IDENTIFIED IN THE VICINITY OF THE
EAST HALF OF LAUNCH GROUP L. ALTHOUGH NO SILO CORING
CAN BE IDENTIFIED AT THESE SITES, THEY ARE CONSIDERED
TO BE PROBABLE SITES BECAUSE OF THEIR APPEARANCE,
SPACING, AND SIMULTANEOUS CONSTRUCTION.

THE GROUP CONSISTS OF 3 EXCAVATIONS, NEW SINCE MISSION
[REDACTED] ONE, DESIGNATED PROBABLE SITE 01, IS 25X1
AT APPROXIMATELY 46-08N 063-10E, APPROXIMATELY 1.7 NM
ESE OF LAUNCH SITE L8. THE EXCAVATION IS APPROXIMATELY
185 X 130 FT, WITH A SMALLER EXCAVATION, APPROXIMATELY
55 X 35 FT, WITHIN AND OFFSET TOWARD ONE END OF THE
LARGER EXCAVATION. THE ORIENTATION OF THE LONG AXIS IS
APPROXIMATELY 110/290 DEGREES. AN IMPROVED ROAD IS
BEING CONSTRUCTED TOWARD THE EXCAVATION FROM THE MAIN
ROAD SERVING LAUNCH COMPLEX F.

THE SECOND EXCAVATION, DESIGNATED PROBABLE SITE 02, IS
AT APPROXIMATELY 45-56N 063-03E, APPROXIMATELY 1.7 NM
ESE OF LAUNCH SITE L10. THE EXCAVATION IS
APPROXIMATELY 155 X 150 FT, WITH THE LONGER AXIS
ORIENTED APPROXIMATELY [REDACTED] FAIRLY 25X1
STRAIGHT GROUND SURFACES, POSSIBLY SURVEY LINES, EXTEND
TOWARD LAUNCH SITE M2 AND PROBABLE SITE 01.

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AT APPROXIMATELY 0200 HRS. AN APPARENT FLARE IN THE SOUTH
FENCE LINE AND ON THE EAST SIDE OF THE ACCELERATOR ROAD TO
LAUNCH SITE K1-K2. THE EXCAVATION IS APPROXIMATELY [REDACTED]
X 100 FT, WITH THE LONG AXIS ORIENTED 135/315 DEGREES.
THE STRAIGHT LINE DISTANCE FROM 01 TO 02 IS
APPROXIMATELY 6 NM, FROM 02 TO 03 APPROXIMATELY 5 NM,
AND FROM 01 TO 03 APPROXIMATELY 4.5 NM. ALL OF THE
SITES ARE IN VERY EARLY STAGES OF CONSTRUCTION, BUT
SITE 01 APPEARS TO BE SOMEWHAT FURTHER ADVANCED THAN
THE OTHER TWO.
NO NEW ABM/LONG RANGE SAM FACILITIES ARE OBSERVED IN
THE WESTERN TWO-THIRDS OF THE SEARCH AREA.
PHOTOGRAPHIC REFERENCES FOR THE NEW SITES --

25X1

25X1

TYURATAM LAUNCH COMPLEX J UR 4555N 06317E [REDACTED]
A LARGE PROBABLE MISSILE IS ERECTED ON PAD J1. THE
SERVICE TOWER/ERECTOR HAS BEEN ROTATED FROM ITS
PREVIOUS POSITION TO THE LAUNCH PAD WHERE THE VERTICAL
SHAFT IS ALIGNED ADJACENT TO THE PROBABLE MISSILE ON
ITS DOWNRANGE SIDE. THE TRANSPORTER/ERECTOR,
PREVIOUSLY CALLED A PROBABLE TRANSPORTER, IS ON THE
LAUNCH PAD, STRADDLING THE SOUTHERN FLUME OF THE BLAST
DEFLECTOR, WITH ITS TALLEST END ADJACENT TO THE UPRANGE
SIDE OF THE PROBABLE MISSILE.
AN UNFAVORABLE SUN ANGLE AND SMALL SCALE PRECLUDE
ACCURATE MENSURATION, BUT, ON PRELIMINARY ANALYSIS
USING PRELIMINARY EPHEMERAL DATA, THE PROBABLE MISSILE
APPEARS TO BE APPROXIMATELY 320 FT HIGH AND
APPROXIMATELY [REDACTED] IN DIAMETER AT ITS LOWEST VISIBLE
POINT. THE BASE OF THE PROBABLE MISSILE IS OBSCURED BY

25X1

25X1

SECTION # 03

THE TRANSPORTER/ERECTOR WHICH FURTHER PREVENTS
OBTAINING MEANINGFUL DIMENSIONS. AN APPARENT FLARE IN
THE DIAMETER, APPROXIMATELY TWO-THIRDS OF THE TOTAL
DISTANCE FROM THE BASE, MAY RESULT FROM EITHER HALATION
IN THE BRIGHT SUNLIGHT, OR THE IMAGE MAY HAVE CAUGHT A
MATING OPERATION IN PROGRESS WHICH SHOWS THE 2 PORTIONS
OF THE PROBABLE MISSILE NOT COMPLETELY ALIGNED.
ON THE J2 SIDE OF THE LAUNCH AREA, THE 2 LARGE LATTICE
TOWERS ARE UNDER CONSTRUCTION ON THEIR PREVIOUSLY
REPORTED BASES NORTH AND SOUTH OF THE PAD. THE SERVICE
TOWER/ERECTOR STILL HAS NOT PROGRESSED ABOVE ITS
TRIANGULAR BASE, ALTHOUGH THE CRANE BEING CONSTRUCTED
ADJACENT TO IT HAS REACHED A HEIGHT OF APPROXIMATELY
330 FT.
A WALL HAS BEEN CONSTRUCTED ALONG 3 SIDES OF THE LARGE
CONCRETE STRUCTURE NEAR THE FORWARD FENCE LINE AT THE
CENTER OF THE SITE.
CONSTRUCTION CONTINUES AT THE SPACECRAFT ASSEMBLY AND
CHECKOUT FACILITY. THERE ARE AT LEAST 12 BUILDINGS, 2
BURIED TANKS, AND A DIVIDED, CONCRETE-LINED SHALLOW
BASIN. CONSTRUCTION OF THE TRANSPORTER TRACK
FOUNDATION SERVING THE CLERESTORY BUILDING APPEARS
COMPLETE.

AT THE MISSILE ASSEMBLY AND CHECKOUT FACILITY, THE
CONSTRUCTION OF A SINGLE TRANSPORTER TRACK BYPASS

AROUND

THE MAB.

NO SIGNIFICANT CHANGES ARE OBSERVED IN THE
ADMINISTRATION/HOUSING AND TECHNICAL SUPPORT AREA AND
THE CONSTRUCTION SUPPORT AND BARRACKS AREA.

[REDACTED]
SVOBODNY ICBM COMPLEX UR 5146N 12806E [REDACTED]
ALL COMPONENTS OF THE COMPLEX ARE COVERED INCLUDING 6
NEWLY IDENTIFIED TYPE IIID LAUNCH SITES DESIGNATED
LAUNCH SITES 76N, 77N, 78N, 79N, 80N, AND 81N. ALL ARE
IN THE MID-STAGE OF CONSTRUCTION EXCEPT SITE 81N WHICH
IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH SITE 76N, AT 51-52N 128-16E, CAN BE NEGATED ON
[REDACTED] AND IS FIRST SEEN ON THIS
MISSION. SITE 77N, AT 51-51N 128-22E, AND SITE 78N, AT
51-52N 128-26E, CAN BE NEGATED ON [REDACTED]

[REDACTED] AND ARE FIRST SEEN ON [REDACTED] SITE
77N IS THE CONTROL SITE FOR THE N GROUP. SITE 79N, AT
51-44N 128-18E, CAN BE NEGATED ON [REDACTED]

[REDACTED] AND IS FIRST SEEN ON [REDACTED] IT IS THE
TENTH SITE IN THE M GROUP. SITE 80N, AT 51-47N
128-26E, CAN BE NEGATED ON [REDACTED] AND
IS FIRST SEEN ON THIS MISSION. SITE 81N, AT 51-49N
128-27E, CAN BE NEGATED ON [REDACTED] AND IS FIRST
SEEN ON [REDACTED] SITE 60 IS NO LONGER
CONSIDERED A VALID LAUNCH SITE AND IS BEING DROPPED
FROM NPIC LISTINGS.

NO OTHER MISSILE ACTIVITY IS OBSERVED IN THE 50-NM
SEARCH AREA.

PHOTOGRAPHIC REFERENCES FOR THE NEW SITES --

[REDACTED]
SHADRINSK ICBM COMPLEX UR 5607N 06339E [REDACTED]
THE EASTERN HALF OF THE 50-NM SEARCH AREA AND LAUNCH
SITE 2 ARE COVERED ON PHOTOGRAPHY. NO NEW MISSILE
ACTIVITY OBSERVED.

[REDACTED]
TYUMEN ICBM COMPLEX UR 5652N 06551E [REDACTED]
ALL COMPONENTS OF THE COMPLEX ARE COVERED. NO NEW
MISSILE FACILITIES ARE OBSERVED IN THE 50-NM SEARCH
AREA.

SECTION # 04

[REDACTED]
ZHANGIZ-TOBE ICBM COMPLEX UR 4912N 08109E [REDACTED]
THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY. TWO
TYPE IIIC LAUNCH SITES, SITES 27 AND 28, ARE NEWLY
IDENTIFIED AND CONFIRM THE START OF LAUNCH GROUP E.
LAUNCH SITE 27 IS AT 48-58N 080-51E AND LAUNCH SITE 28
IS AT 48-54N 080-47E. BOTH SITES ARE FIRST SEEN ON
THIS M

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NEW IN THE AREA CANNOT AS YET BE IDENTIFIED AS LAUNCH SITES. NO OTHER NEW MISSILE ACTIVITY IS OBSERVED.

PHOTOGRAPHIC REFERENCES FOR THE NEW SITES --

25X1

DOMBAROVSKIY ICBM COMPLEX UR 5101N 05950E
ALL 42 KNOWN TYPE IIIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS TOTAL REFLECTS 4 NEWLY IDENTIFIED SITES, DESIGNATED SITES 43G AND 44G AND PROBABLE SITES 45G AND 46G, AND DELETED SITE 41G. LAUNCH SITE 41G IS NO LONGER A VALID TARGET AND IS BEING DELETED FROM NPIC LISTINGS. THIS DELETION AND THE 4 NEW SITES BRING TO 5 THE NUMBER OF SITES NOW IDENTIFIED IN LAUNCH GROUP G. LAUNCH SITE 43G IS AT 51-36N 059-55E, SITE 44G IS AT 51-31N 059-57E, PROBABLE SITE 45G IS AT 51-30N 060-10E, AND PROBABLE SITE 46G IS AT 51-35N 060-05E. ALL ARE FIRST SEEN ON MISSION

25X1

AND CAN BE NEGATED ON
NO OTHER NEW MISSILE-RELATED ACTIVITY IS OBSERVED IN CLOUD-FREE PORTIONS OF THE EASTERN 95 PERCENT OF THE 50-NM SEARCH AREA.
PHOTOGRAPHIC REFERENCES FOR THE NEWLY IDENTIFIED LAUNCH SITES --

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SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E
THE EASTERN PORTION OF THE TEST CENTER FROM TRACKING FACILITY 5, EXCEPT FOR ASAT/SPACE TRACKING RADAR FACILITY, IS COVERED ON APPROXIMATELY 90 PERCENT CLOUD-FREE PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED.

25X1

CHELYABINSK ABM/PROB LR SAM SEARCH AREA UR 5510N 06125E
THE SOUTHERN QUARTER AND EXTREME EASTERN EDGE OF THE SEARCH AREA ARE COVERED ON CLEAR TO HEAVY CLOUD-COVERED PHOTOGRAPHY. NO ABM/PROBABLE LONG RANGE SAM COMPLEXES ARE OBSERVED IN CLOUD-FREE AREAS.

25X1

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SVERDLOVSK ABM SEARCH UR 5650N 06030E
A SMALL PORTION ON THE EASTERN EDGE OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO MOSKVA-TYPE ABM ACTIVITY IS IDENTIFIED.

25X1

25X1

PETROVKA SHIPYARD UR 4307N 13220E
OB -- 1 PROBABLE H SSBN AT MOLE, 2 PROBABLE E-II SSGN @1 AT THE NORTH QUAY AND 1 IN ICE IN THE BAY, 1 POSSIBLE E-II SSGN ON REPAIR WAY NUMBER 2, 3 POSSIBLE E-I SSGN WAS PREVIOUSLY REPORTED AT THE NORTH QUAY, ON REPAIR WAY NUMBER 1, AND IN THE TRANSPORTER DOCK, 1 POSSIBLE 199/A SS MOORED OUTBOARD OF THE H SSBN, 1 POSSIBLE

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NORTH Approved For Release 2008/02/28 : CIA-RDP78B03817A001000020038-1
PROBABLE POTI PC ON REPAIR WAYS NUMBER 3 AND 4. 1 21.14
YRSN IN ICE NEAR THE MOLE, 1 AO AT THE SHIPYARD QUAY, 3
TRANSPORTER DOCKS 01 OCCUPIED, 1 PROBABLE YAGT 0HALF
OF THIS UNIT IS ON REPAIR WAY NUMBER 5 AND THE OTHER
HALF IS IN THE WET BASIN, 8 UNIDENTIFIED VESSELS, A

SECTION # 05

FLOATING CRANE, AND A HULK IN MID-BAY. THE 2 POSSIBLE
E SSGN ON REPAIR WAYS NUMBER 1 AND 2 ARE CONNECTED TO A
BARGE NEAR THE WET DOCK.

CONSTRUCTION CONTINUES ON THE BUILDINGS NORTH OF THE
WET BASIN AND ON THE BUILDINGS AT THE NUCLEAR SUBMARINE
SPECIAL SUPPORT FACILITY. 0THE MAIN BUILDING IS
MISSING ONE AND ONE-HALF ROOF SECTIONS. AN
UNIDENTIFIED VESSEL IS MOORED AT THE SPECIAL SUPPORT
FACILITY QUAY.

[REDACTED] 25X1
KREMOVO MRBM COMPLEX UR 4401N 13219E NO COMRX
NEW MISSILE ACTIVITY IS OBSERVED IN THE KREMOVO MRBM
COMPLEX. AT KREMOVO LAUNCH SITE 0KREMOVO 1, 4 NEW
LAUNCH PADS HAVE BEEN ADDED SINCE [REDACTED] 25X1

AN EXERCISE CONSISTING OF AN ERECTOR, A FUEL
TRANSPORTER, AND TWO OXIDIZER TRAILERS IS ON EACH OF
THE 8 PADS OF KREMOVO 1 AND ON THE 4 PADS OF LYALICHI
LAUNCH SITE 0KREMOVO 2. THE ORIENTATION OF THE
ERECTORS ON THE NEW PADS IS THE SAME AS THOSE ON THE
OLDER PADS. THE CONSTRUCTION OF THE NEW PADS TOOK
PLACE DURING THE SAME TIME FRAME AS THE CONSTRUCTION OF
THE 2 SCALEBOARD SITES 0MANZOVKA 1 AND 2 IN THE
KREMOVO MRBM COMPLEX. MANZOVKA SCALEBOARD SITE 2 IS
SUPERIMPOSED OVER THE FORMER MANZOVKA FIXED FIELD MRBM
SITE 0KREMOVO FIXED FIELD SITE.

[REDACTED] BETWEEN KREMOVO 1 AND 2
CONTAINS NUMEROUS PIECES OF EQUIPMENT, IDENTIFIED FROM 25X1

[REDACTED] INCLUDING 25X1
2 ADDITIONAL SETS OF SS-4 GROUND SUPPORT EQUIPMENT 02
SS-4 FUEL TRAILERS, 4 SS-4 OXIDIZER TRAILERS, AND 2
SS-4 MOBIL SERVICE PLATFORMS, IN ADDITION TO WARHEAD
VANS, CRANES, AND UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT.

NO APPARENT CHANGE IS OBSERVED IN THE MANZOVKA
SCALEBOARD SITE 2 SINCE [REDACTED] 25X1
ALTHOUGH SNOW COVER PRECLUDES A DETAILED OBSERVATION OF
THE PADS.

MANZOVKA SCALEBOARD SITE 1 AT THE MANZOVKA SRF
HEADQUARTERS CONTAINS NUMEROUS PIECES OF EQUIPMENT NEAR
THE VEHICLE SHEDS.

[REDACTED] 25X1
ULAAN BAATAR SAM SITE B24-2 MG 4745N 10636E BONUS 1
16 NM SW OF ULAAN BAATAR AT 47-45-00N 106-36-20E.
NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 6 REVETTED
LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA, ALL
PROBABLY UNOCCUPIED, AND 2 REVETTED UNOCCUPIED
MISSILE-HOLD POSITIONS. A SMALL SUPPORT AREA MAY BE
UNDER CONSTRUCTION APPROXIMATELY 1,500 FT NE OF THE
LAUNCH POSITIONS.

OBSERVED 07.0 NM ENE OF THE SINGER GROUND TARGET MARKER AT APPROXIMATELY 41-44N 088-44E. THESE STRUCTURES OR AT LEAST TRACK ACTIVITY AT THE SITE WERE VISIBLE AS EARLY AS [REDACTED]

25X1

[REDACTED] THREE TENT CAMPS, NEW SINCE [REDACTED] ARE NEAR A SITE OF EARLIER EXPLORATORY PROSPECTING HOLES 16.4 NM ENE OF THE SINGER GROUND TARGET MARKER AT APPROXIMATELY 41-44N 088-44E. A TOTAL OF 90 TENTS IS OBSERVED. TWO SMALL GROUPS OF 16 AND 8 PERMANENT BUILDINGS ARE 11.6 NM NNE OF THE SINGER GROUND TARGET MARKER AT APPROXIMATELY 41-47N 088-29E. ALTHOUGH FEW OF THE BUILDINGS WERE PRESENT ON [REDACTED] MOST HAVE BEEN CONSTRUCTED SINCE THAT TIME. A SMALL TENT CAMP CONTAINING 13 TENTS IS 35.3 NM NW OF THE SINGER GROUND TARGET MARKER AT APPROXIMATELY 42-03N 087-56E. THE CAMP WAS NOT PRESENT ON [REDACTED]

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MILITARY ACTIVITY

ULAAN BAATAR BARRACKS AREA EAST MG 4755N 10659E [REDACTED] THE PRESENCE OF VEHICLES CANNOT BE DETERMINED FROM PHOTOGRAPHY.

25X1

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED] ULAAN BAATAR MOTOR PARK WEST MG 4754N 10647E [REDACTED] OB -- NUMEROUS POSSIBLE VEHICLES/PIECES OF EQUIPMENT. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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[REDACTED] ULAAN BAATAR MILITARY AREA SW MG 4746N 10636E [REDACTED] NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

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25X1

COMPLEXES

PEI-CHING COMPLEX CH 3954N 11623E [REDACTED] ONLY THE WESTERN PORTION OF THE COMPLEX IS COVERED ON PHOTO [REDACTED]

25X1

25X1

SYSTEM. THE POWERPLANTS IN THE WESTERN INDUSTRIAL
AREAS ARE OPERATING AND SMOKE AND STEAM ARE OBSERVED
IN SEVERAL AREAS WITHIN THE IRON AND STEEL COMBINE.

25X1

[REDACTED]

ULAAN BAATAR COMPLEX MG 4755N 10655E [REDACTED]
CONSTRUCTION CONTINUES ON THE NEW THERMAL POWERPLANT AT
THE SW EDGE OF THE COMPLEX. THE OLD ULAAN BAATAR
THERMAL POWERPLANT IS IN OPERATION. THE RAIL
CLASSIFICATION YARD IS APPROXIMATELY ONE-THIRD
OCCUPIED, AND OPEN STORAGE AREAS IN THE COMPLEX APPEAR
TO BE IN USE.

25X1

FOR TROOP AND SUPPLY READOUT, SEE COMIREX [REDACTED]

25X1
25X1

[REDACTED]